

Appl. No. 10/716,894  
Atty. Docket No.: 2003B113  
Suppl. Amdt. dated November 21, 2006  
Reply to Office Action of August 1, 2006

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**Amendments to the Claims:**

This listing of claims will replace all prior versions and listing of claims in this application.

**Listing of Claims:**

1. (Currently Amended) A process for producing light olefins, the process comprising the steps of:
  - (a) contacting syngas in the presence of one or more metal-containing catalysts to produce a first feedstock comprising methanol;
  - (b) converting a portion of the methanol in a homologation zone to a second feedstock comprising ethanol by contacting the portion of the methanol with a homologation catalyst selected from the group consisting of potassium oxides, cobalt-molybdenum sulfides, nickel-molybdenum sulfides and potassium carbonates; and
  - (c) introducing the first feedstock and the second feedstock to a process for converting the methanol and the ethanol in the presence of a silicoaluminophosphate molecular sieve catalyst composition to the light olefins, wherein the combined feedstock has a methanol to ethanol weight ratio of from 4.0:1.0 to ~~9.0:1.0~~ 19.0:1.0 and the process for converting the methanol and the ethanol to light olefins is carried out at a temperature of from 475°C to 500°C.
2. (Original) The process of claim 1, wherein the second feedstock further comprises methanol.
3. (Previously Presented) The process of claim 1, wherein the process further comprises the step of:
  - (d) combining the first feedstock and the second feedstock to form a combined feedstock prior to converting in the presence of the catalyst.
4. (Original) The process of claim 3, wherein the combined feedstock comprises methanol, ethanol and water.

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